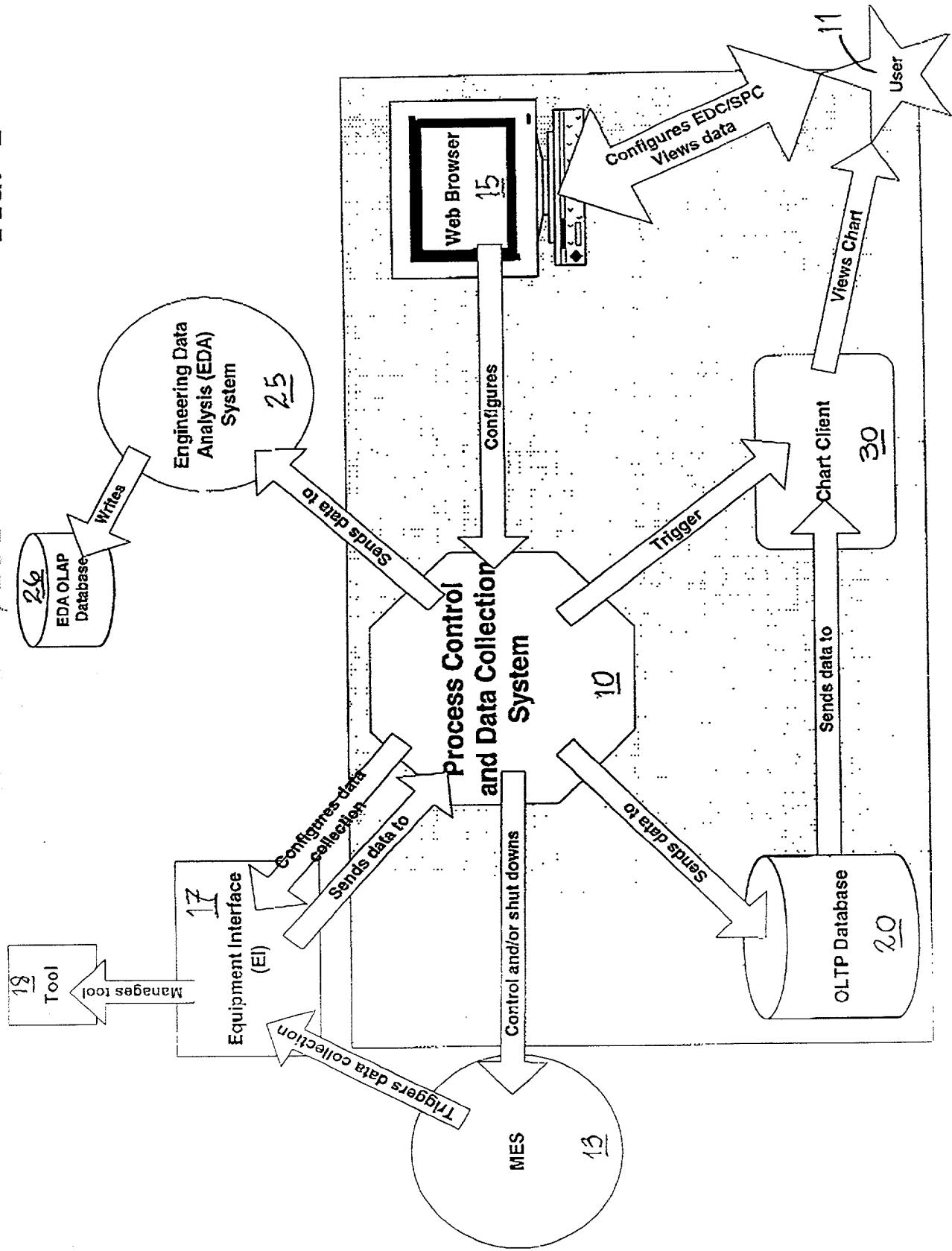


FIG. 1



Modularized Architecture

Architecture

FIG. 2

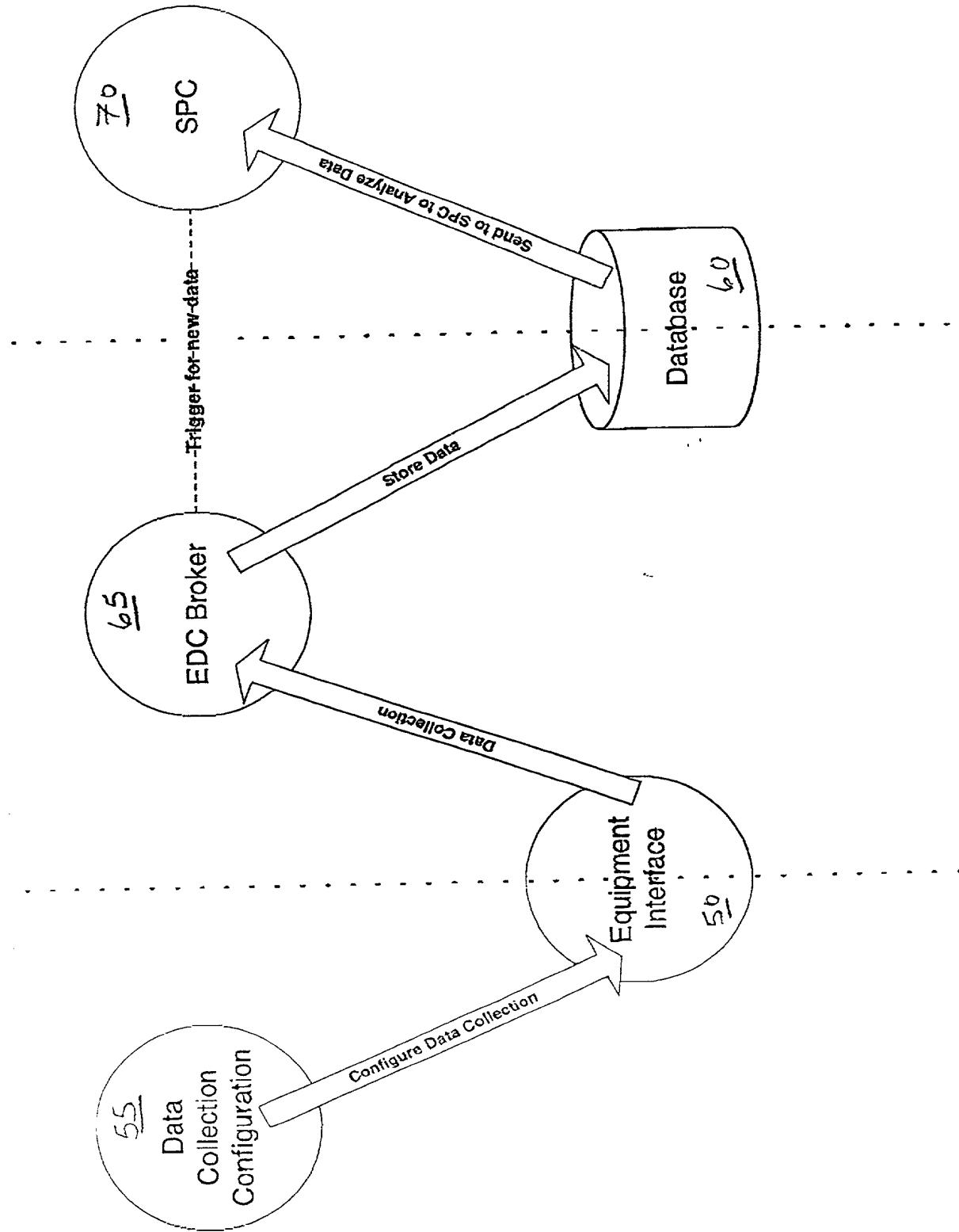


FIG. 3

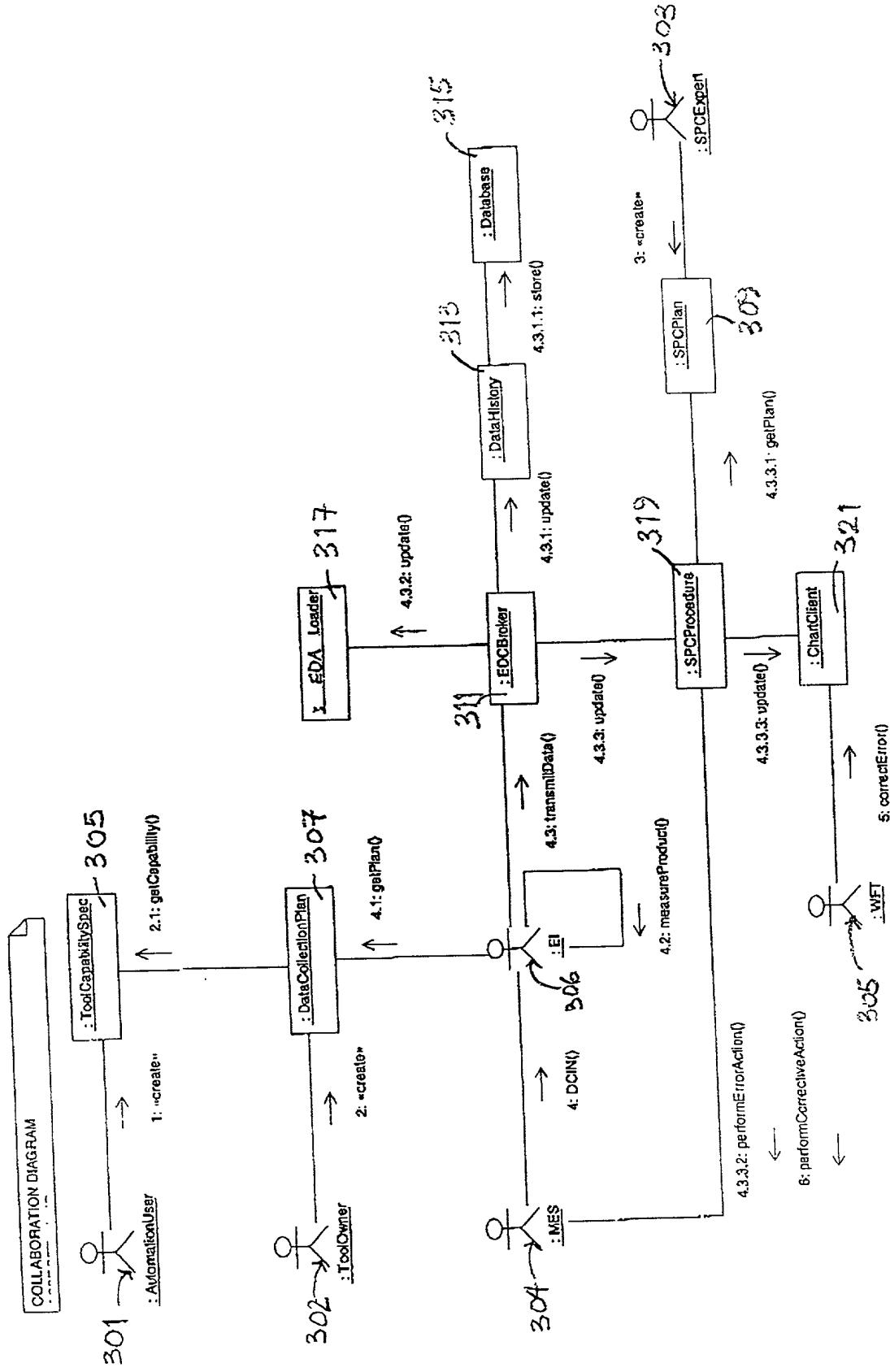
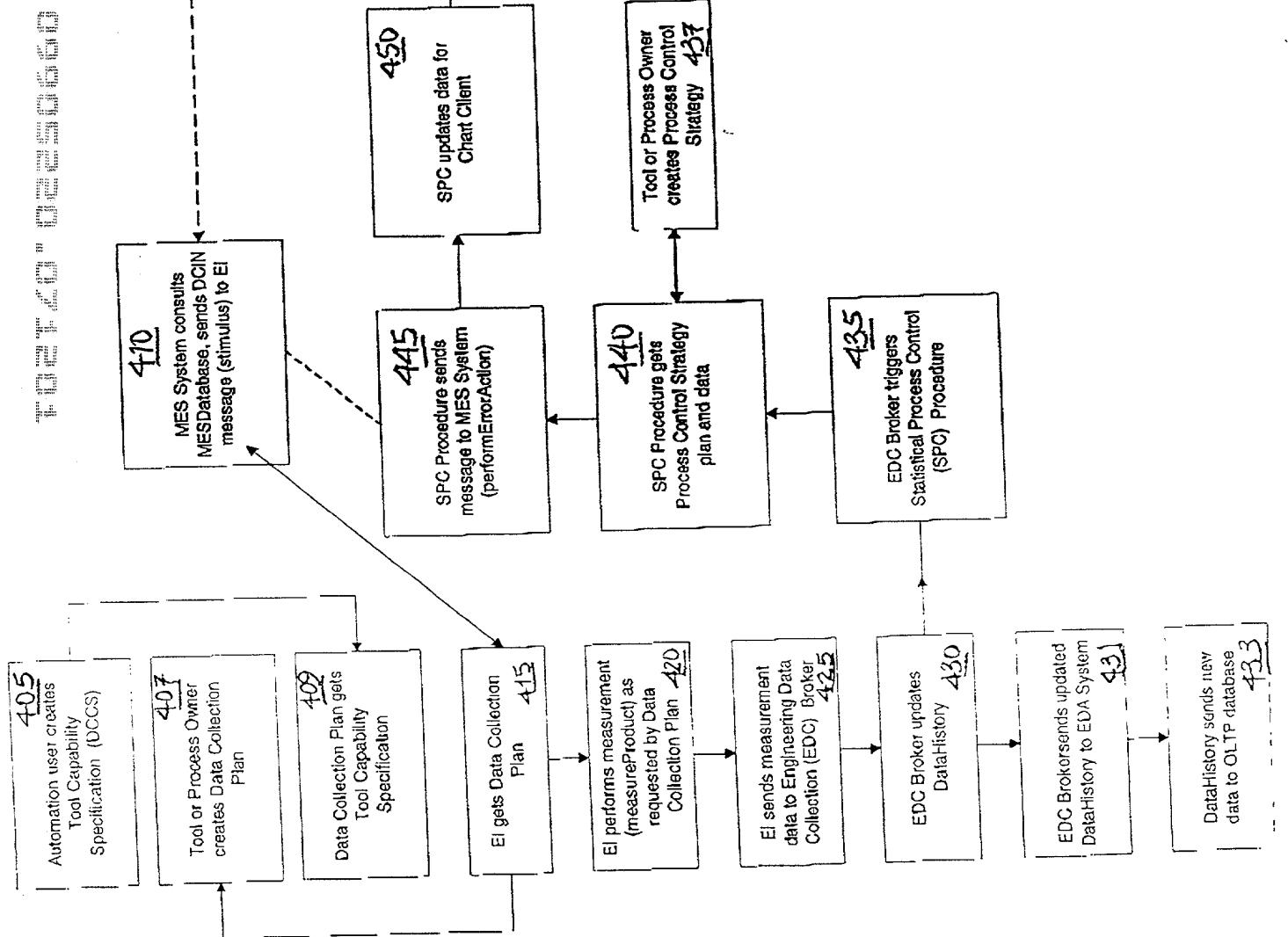


FIG. 4



Actual Flow vs. VSC

EDA System

FIG. 5

EI

512

511

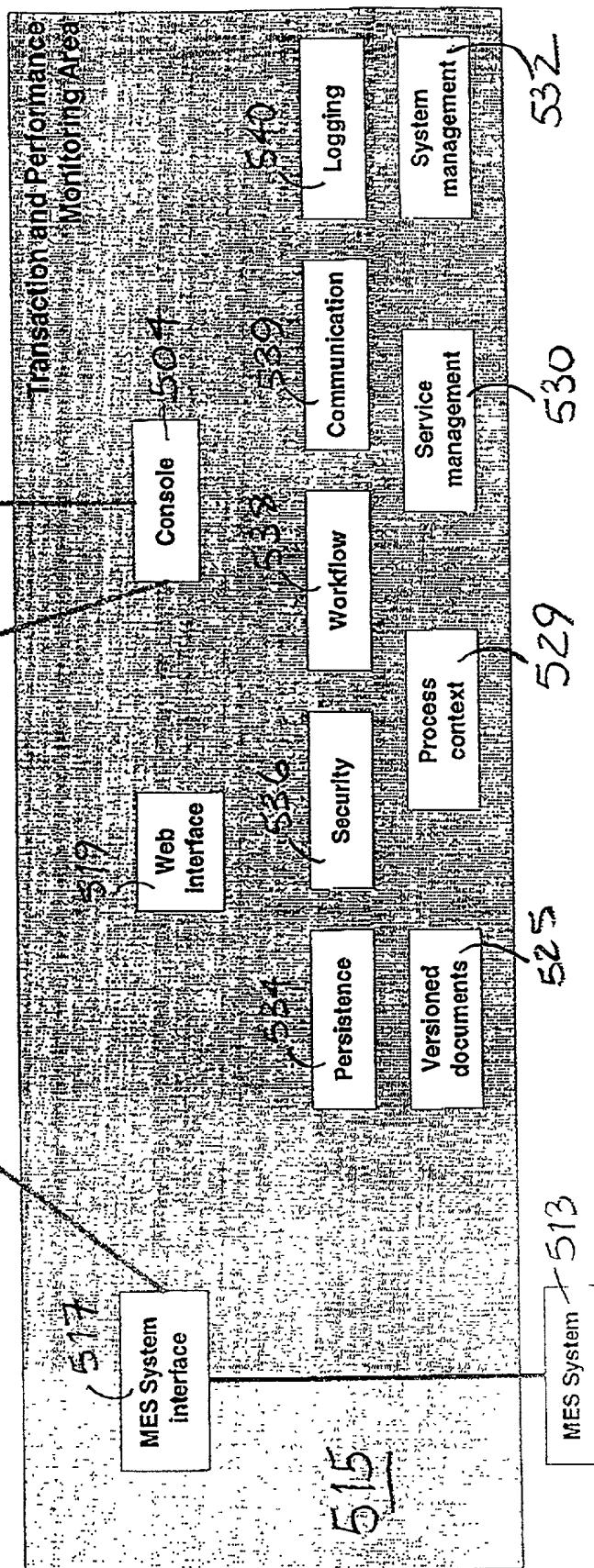
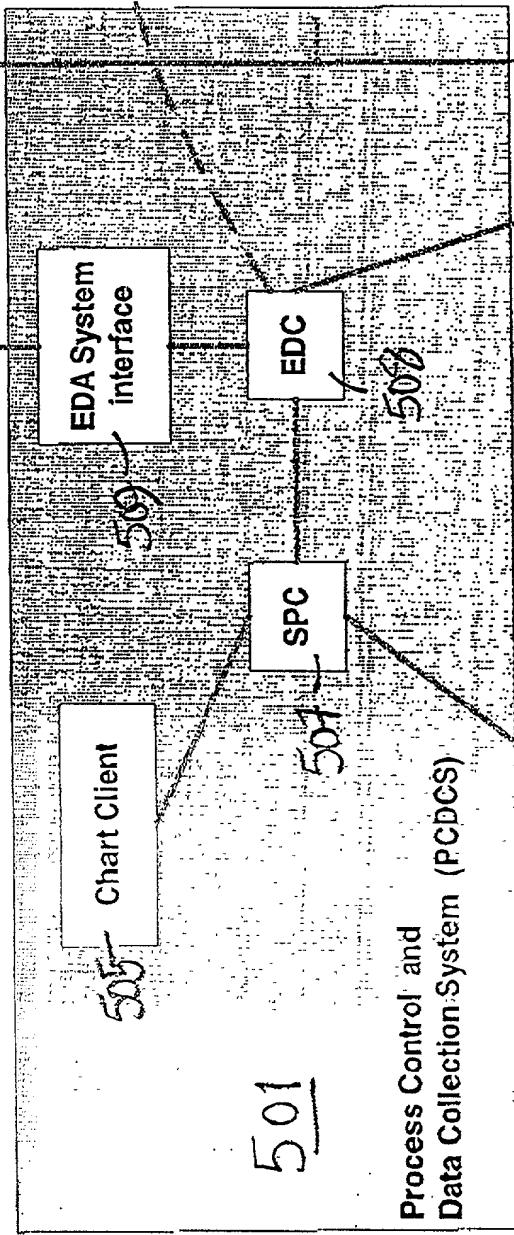


FIG. 6

Architectural model

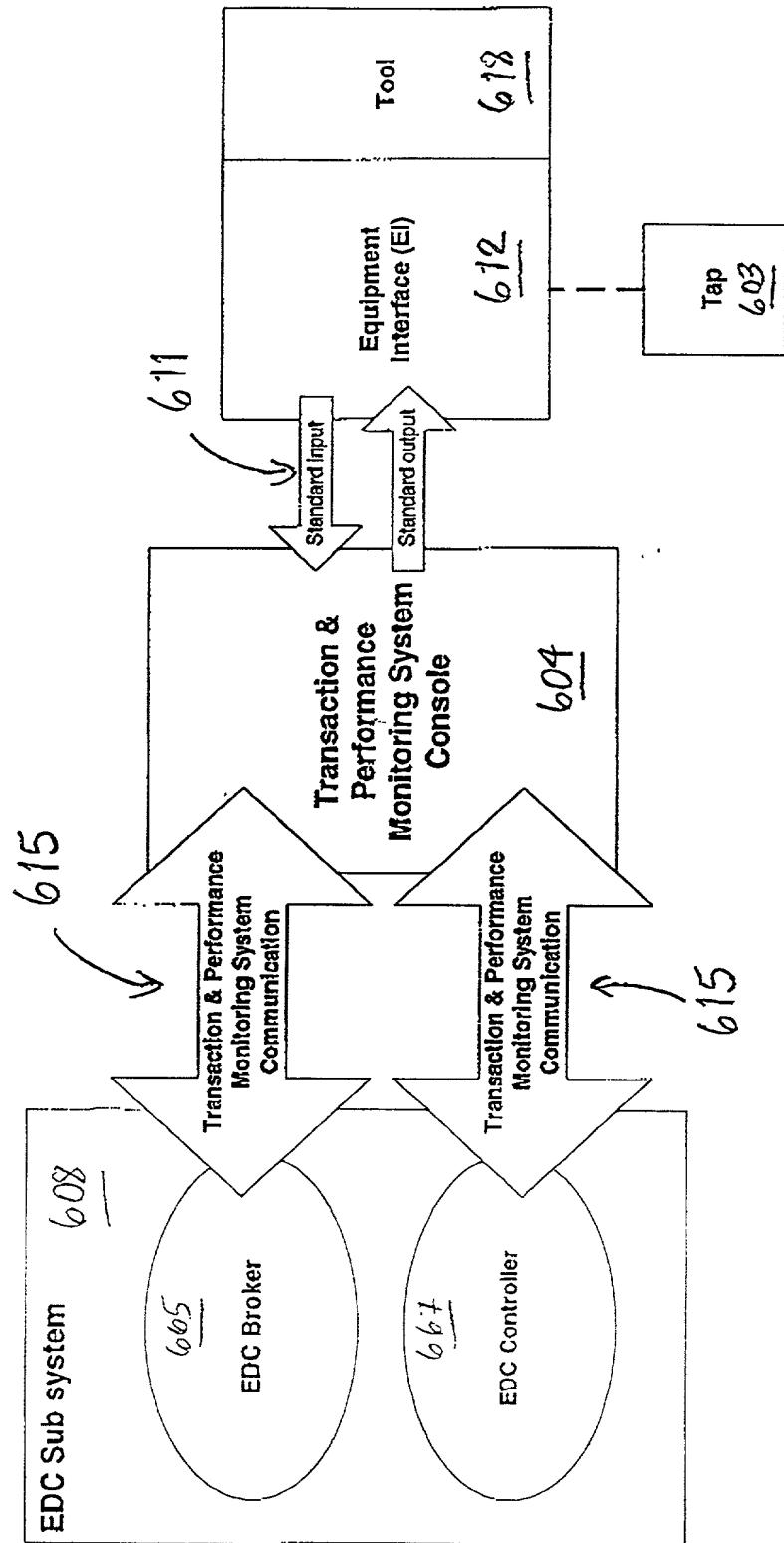


FIG. 7

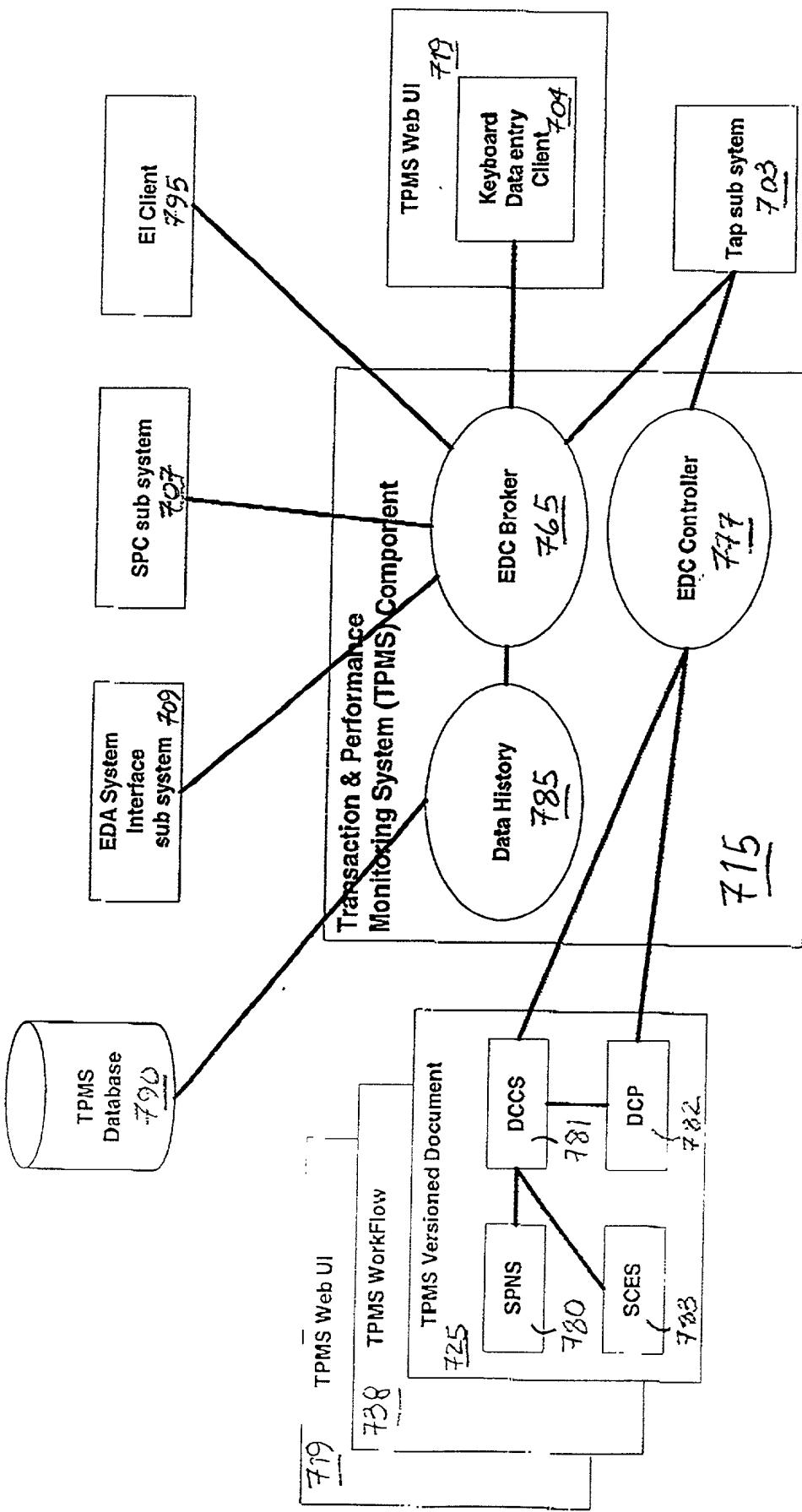
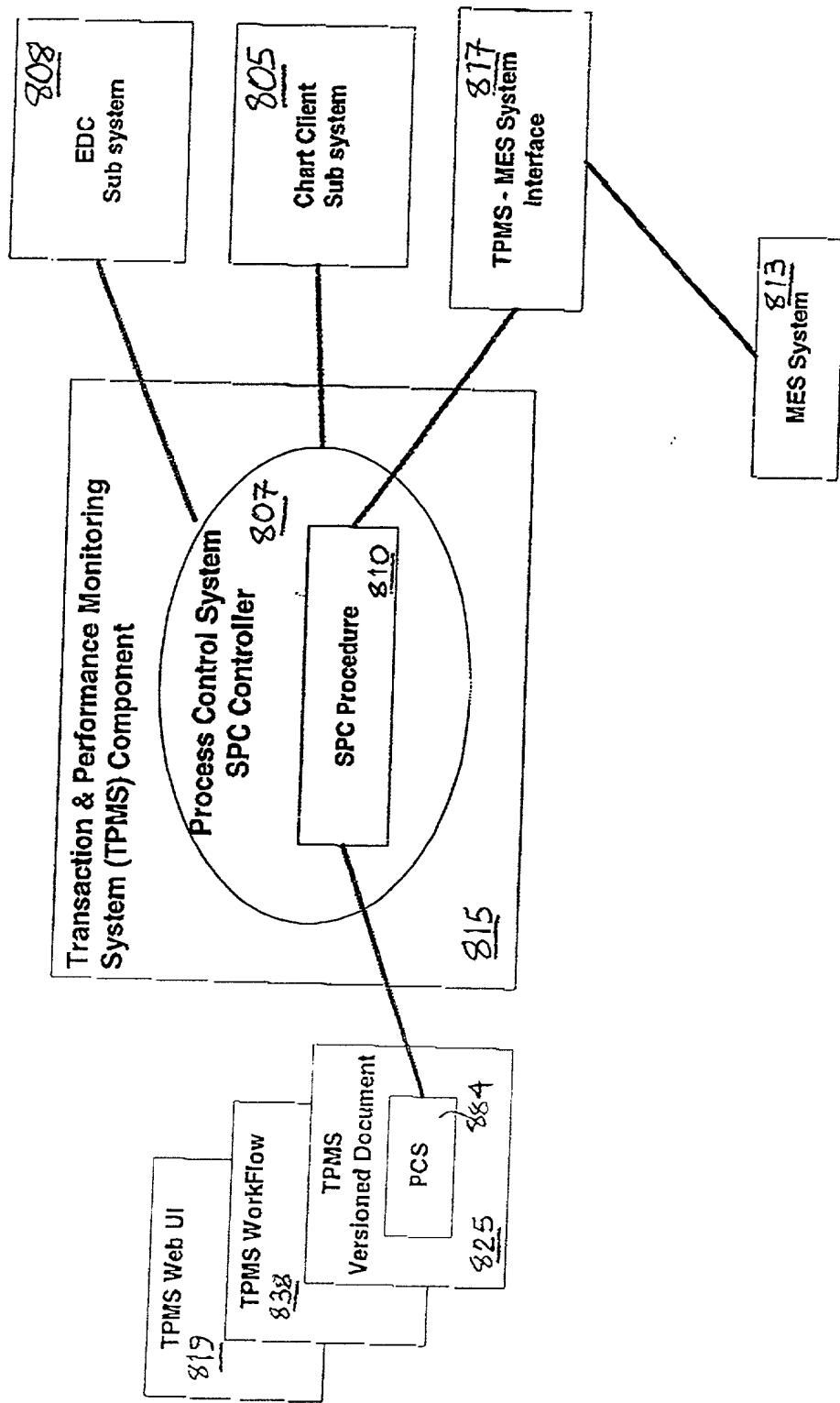


FIG. 8



Setup Phase

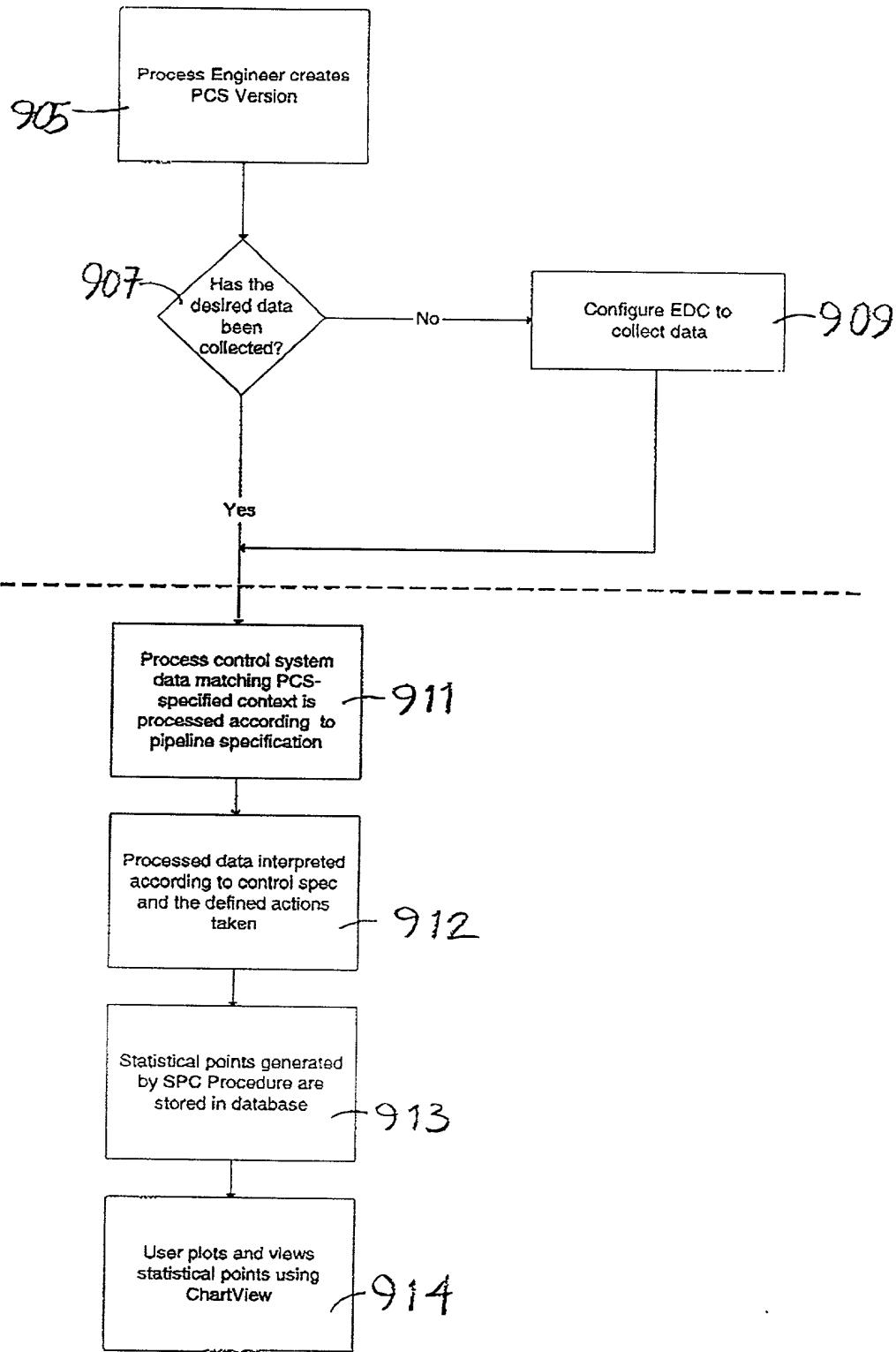


FIG. 9

Annual PCS User Views, USA

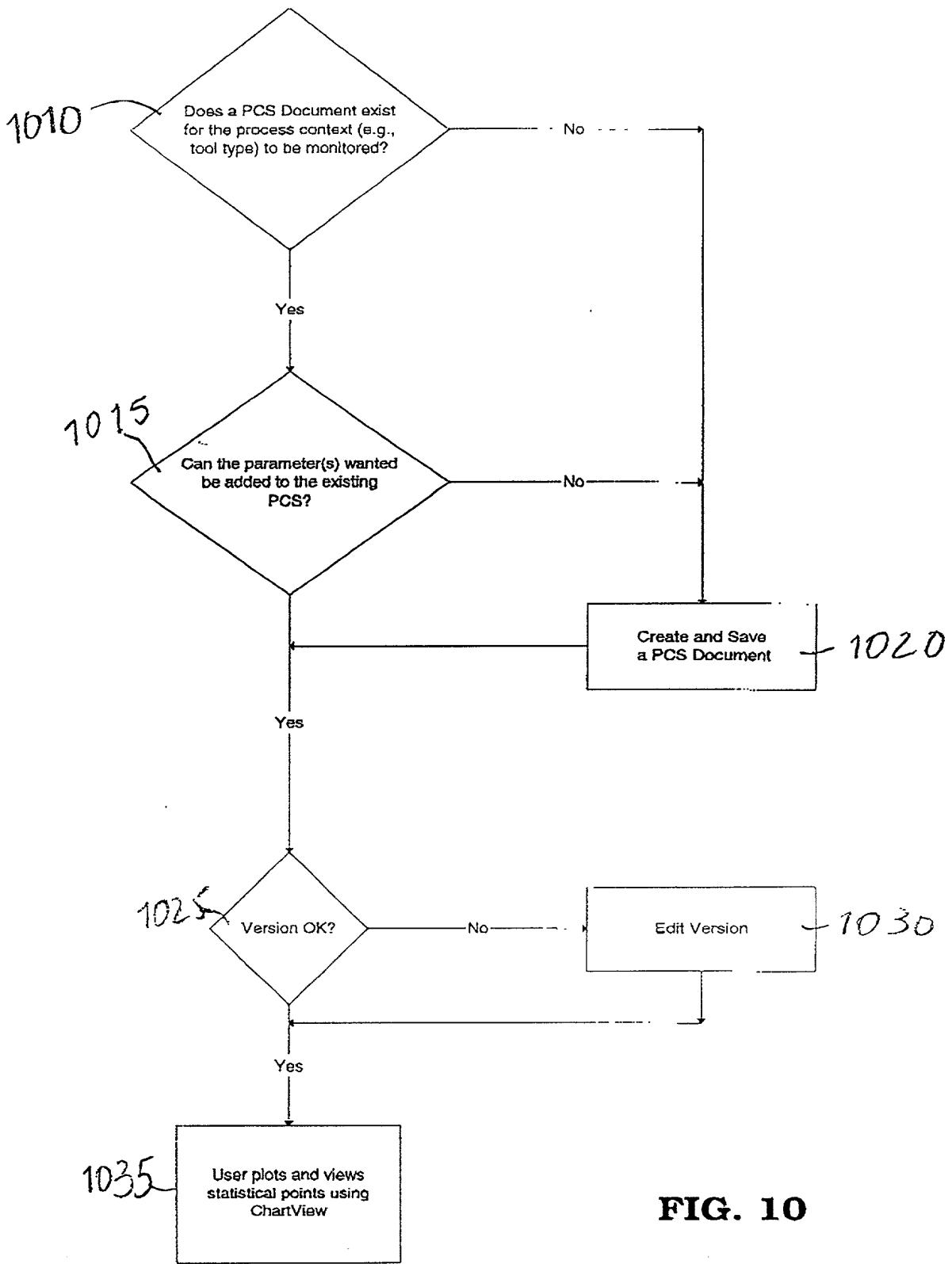
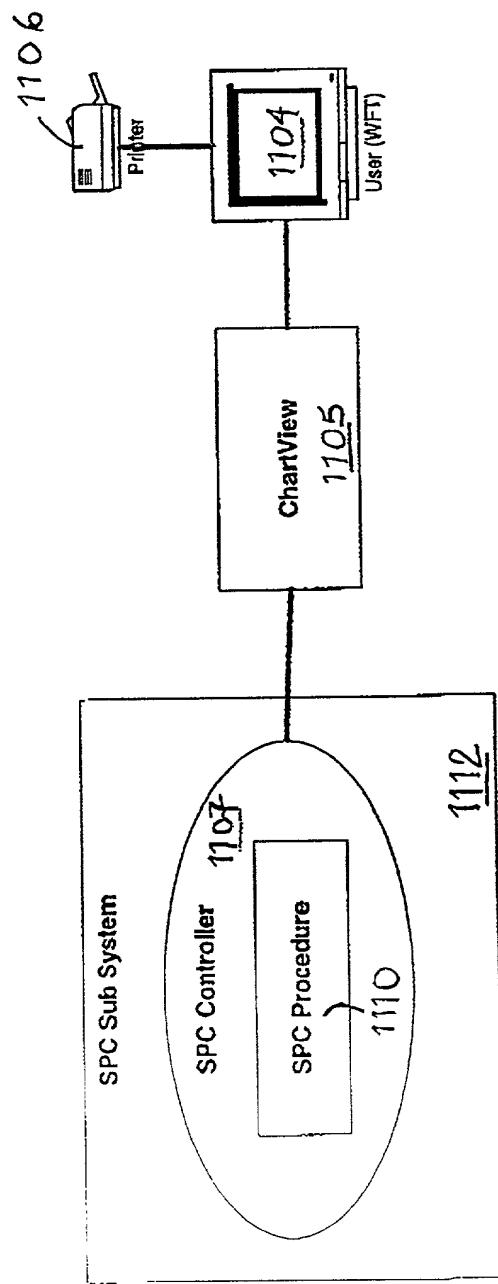


FIG. 10

ChartView Owner View . vsd

FIG.11



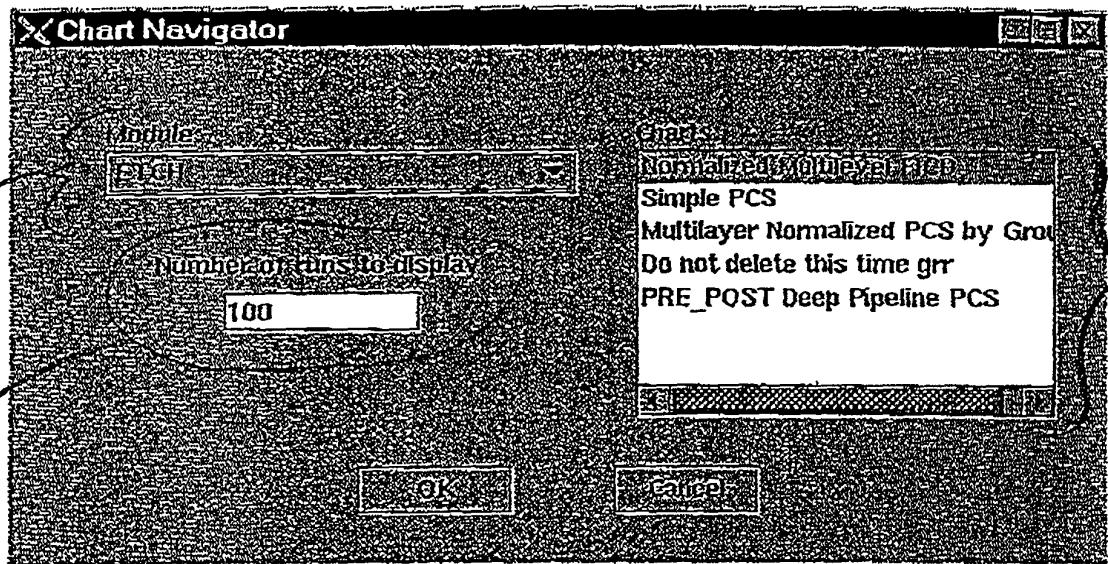


FIG. 12

1360



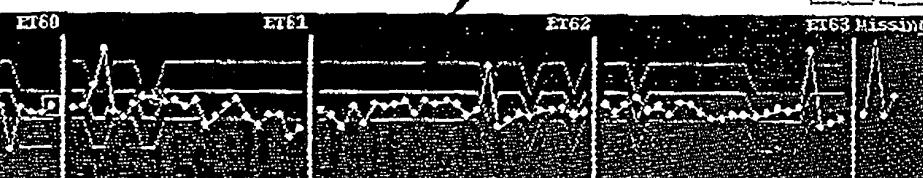
1310

X Rick Patty: Multilayer Normalized PCS by Group: ext: 54308, mailto:Rick.Patty@amd.com: Testing PCS for Metal 4 and ...

File Analysis

Clip: Mean PICD (Non-Normalized) - 1314

1325

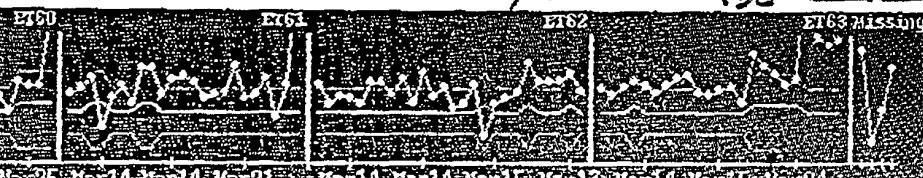


1311

Clip: STDDev PICD (Non-Normalized) - 1315

1325

1320

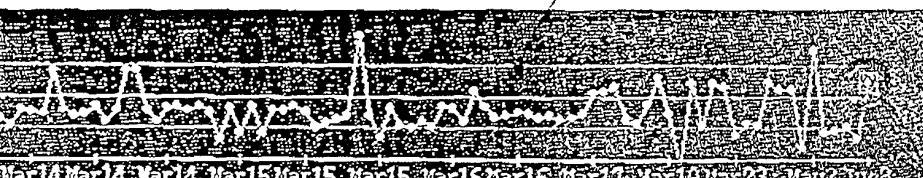


1312

Clip: Normalized PICD (Normalized) - 1316

1325 1330

1312



1320

1330

FIG 13

1320

14.0
14.1
14.2
14.3
14.4
14.5

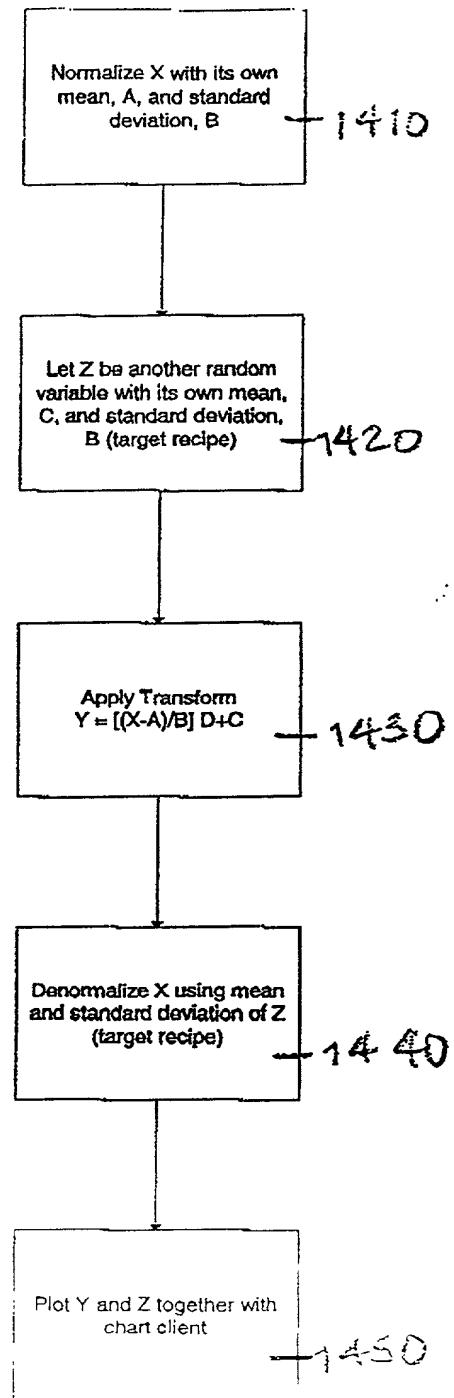


FIG. 14

Denorm flow, vs

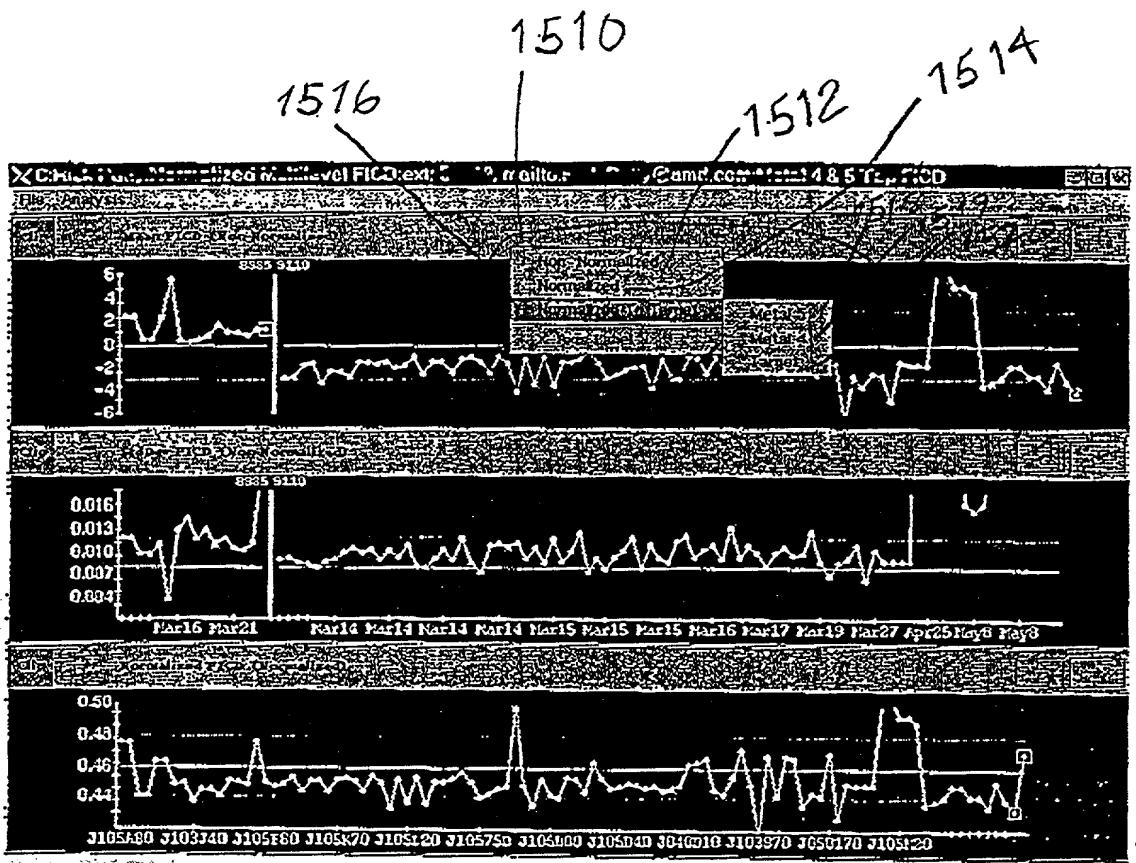


FIG. 15

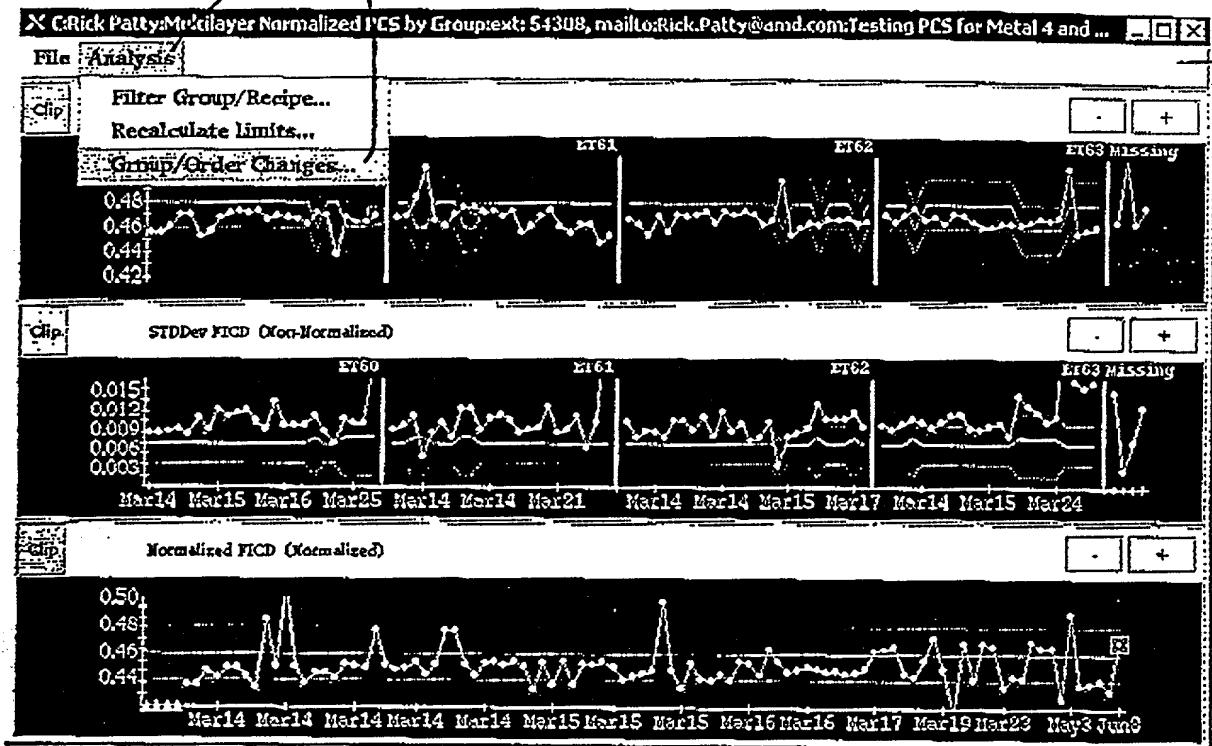


FIG. 16

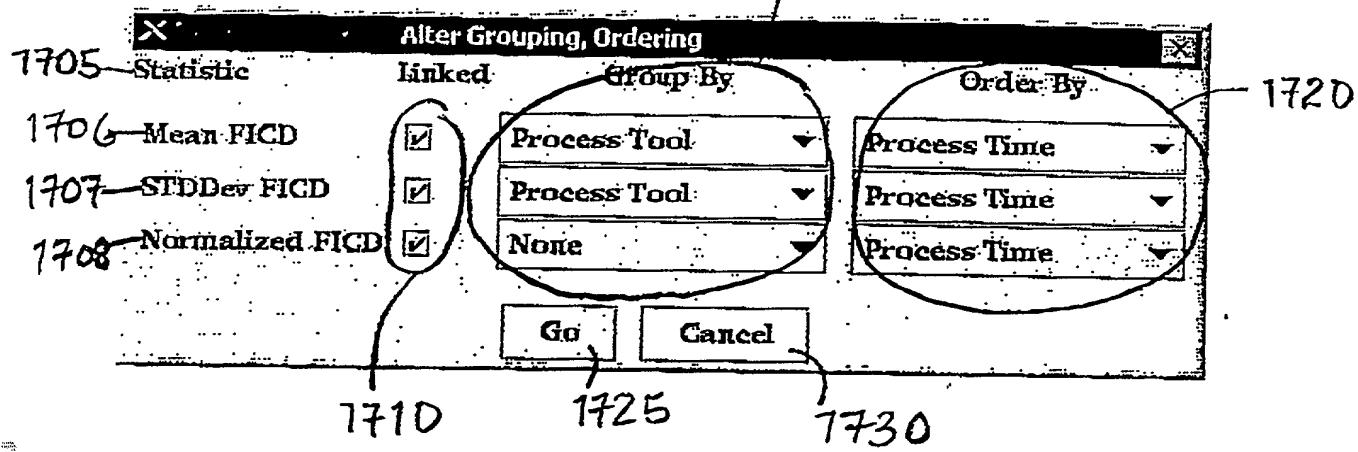


FIG. 17

1811

GraphPoint Detail Window

1815 General Information

General

Value: 0.524400	Attribute	Value
UCL: 0.5	Lot	J105M20
Target: 0.48	Operation	9110
LCL: 0.46	Product	6308AC
PCS Recipe: Metal 5	Measurement Time	2001-04-25 13:32:04
RunId: 106537	Opal	CD12
OOC Violation: One Out Above [WE Control Rules]	Batch	

1812

-Out-Of-Control Actions

Action	Correct	Message
SHUTDOWN TOOL	BRING BACK TOOL	
HOLD LOT	RELEASE LOT	
EMAIL		

1814

Annotation History

Time	Creator	Annotation

1816

1820 Add + 1821

Done

FIG. 18

1800 ↗

ASPECT iteration2 database
schema

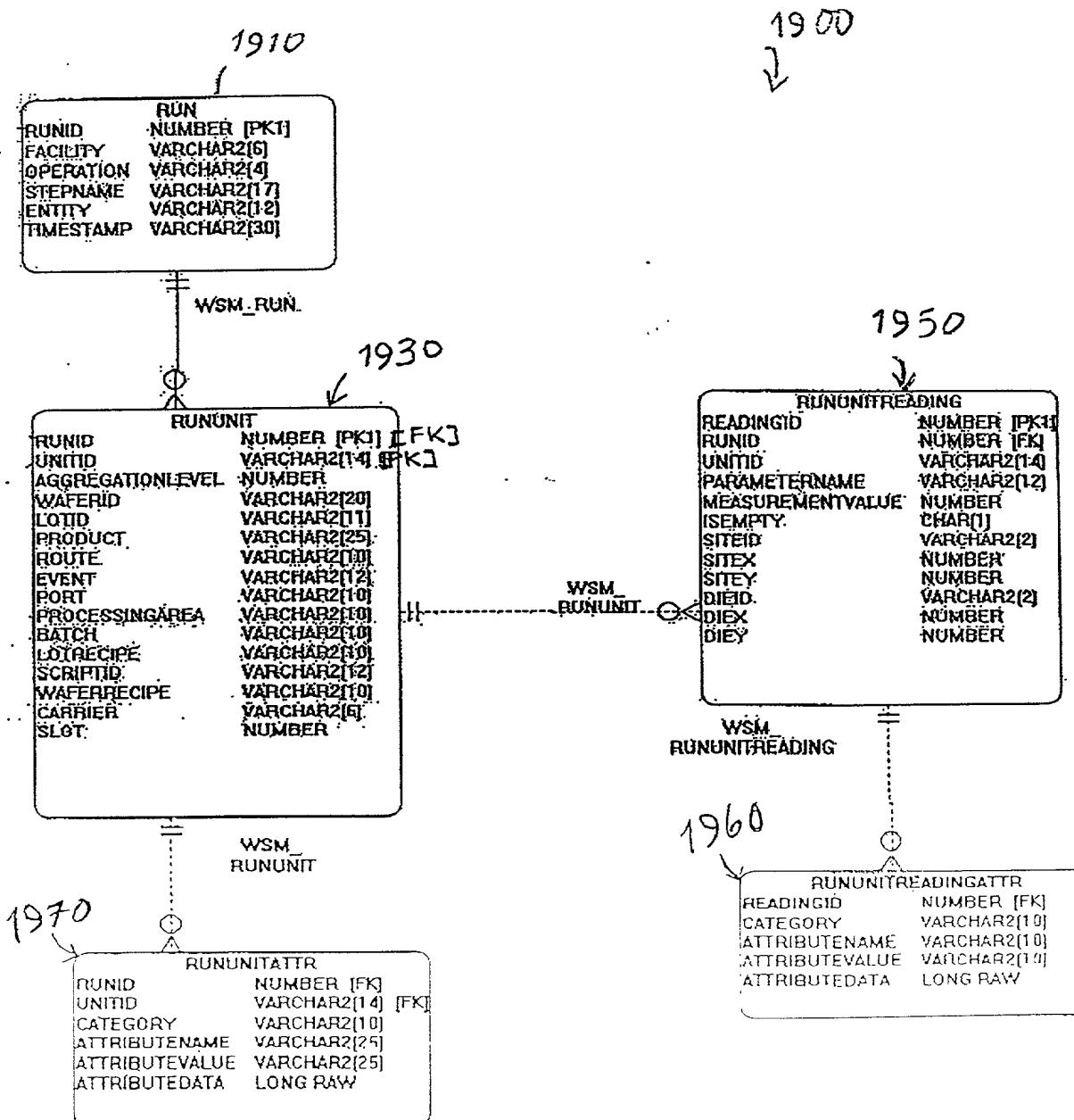


FIG. 19

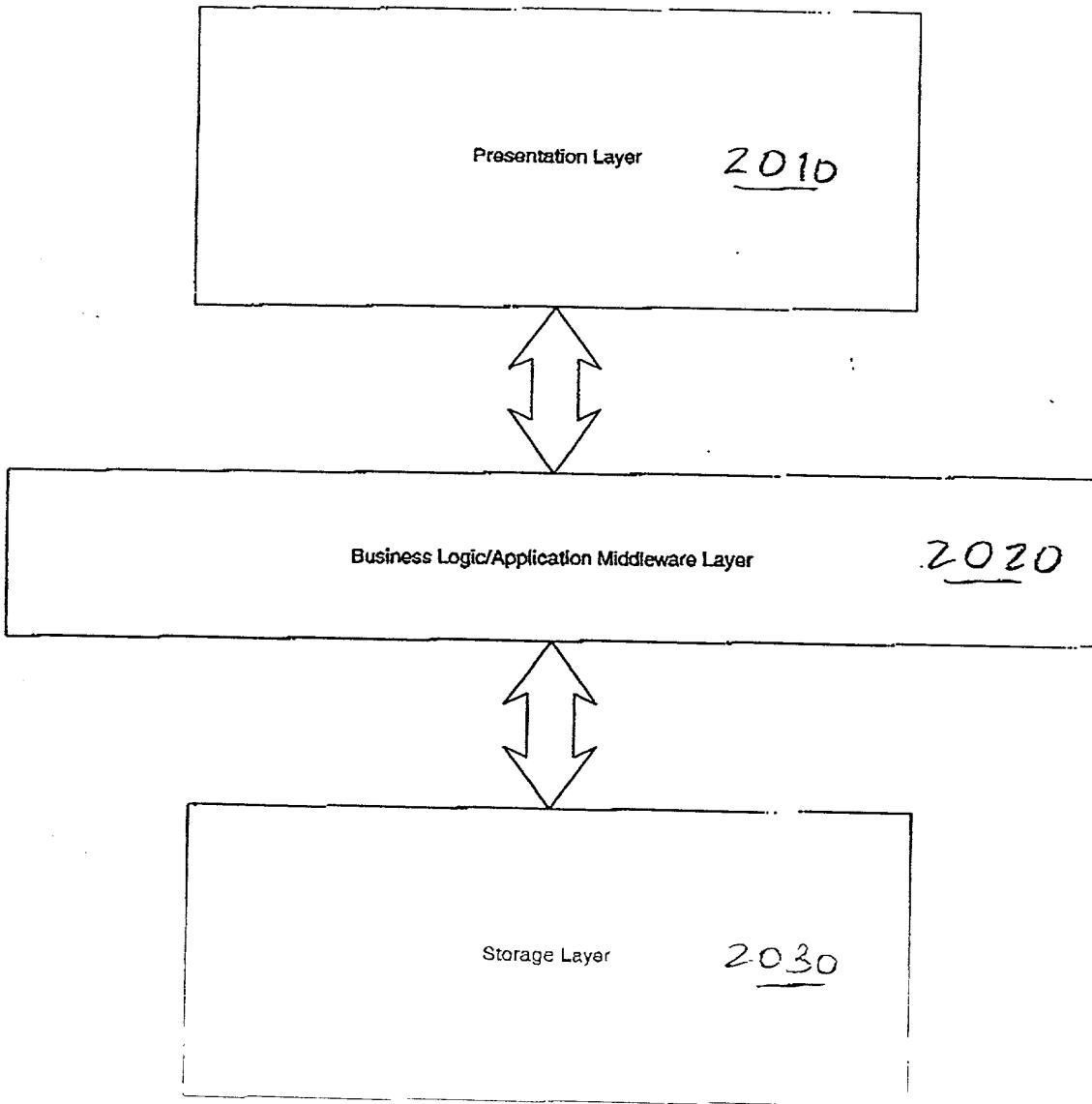


FIG. 20